ATP-2040e

Touch Screen Controller

BRANSON

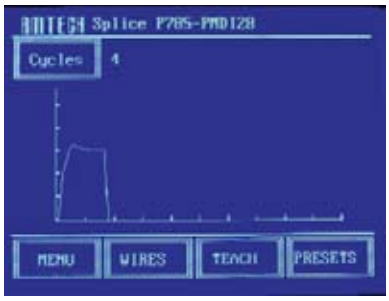
Metal Welding

The Branson Touch Screen Controller

Imagine if you could control your production and profits at the touch of a button. The Branson Touch Screen Controller allows you to do just that with many of our ultrasonic welding products. Designed with the power and functionality of upgradable computer software, the Touch Screen Controller's sophisticated yet user-friendly interface decreases setup time while increasing your control over weld parameters. The result is reduced pressure on you and an impressively efficient production process that your competitors will find hard to touch.

EMERSON
Industrial Automation

Metal Welding



Control Features:

- Sequential Welding Capability.
- RS232 Port.
- Printer Interface.
- Automatic weld parameter calculations based on the cross-sectional area of the splice (wire splicing).
- Weld Quality: Weld amplitude is automatically maintained with line voltage variations of ±10% through Branson's proprietary closed loop control.
- Weld Modes: 4 different weld modes to suit your particular application.
  - Energy
  - Time
  - Height (compaction)
  - Energy with Height Compensation
  - Amplitude Stepping

Quality Controls:

- Text and Audible alarm messages.
- Two Level Password Protection.
- Lock on Alarm: Ensures suspect part is clamped until a password is entered.
- Q System Protection Monitor (SPM) Three levels of power protection are provided:

  1) phasing
  2) over voltage
  3) over current
- Circuitry system helps avoid equipment failures and provides greater weld accuracy and repeatability.

Operator Interface:

- Selectable Languages.
- Bar Code scanner capable: Presets and Sequences can be recalled through the use of the Bar Code Scanner.
- Preset: All weld parameters are saved so manual adjustment of controls is not required.
- Teach Mode: The teach mode automatically calculates your weld quality windows for:
  - Time
  - Power
  - Pre Height
  - Height

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